AM Systems - Standard series
Metalfront Antennas with Metal Detection integrated

Protection & Prevention

Metalfront, high quality Surveillance + Metal Detection, double security to prevent shoplifting and ensure the best shopping environment for your store. It takes security and protection to the next level, as it counts with the ability of detecting Metal-lined bags, which are commonly used by ORC (Organized Retail Crime) offenders to steal merchandise and get away without being detected.

CA78L/MD   CA78X/MD

Key Features

1 SUPERIOR PERFORMANCE

Metal detection

Long range detection

Enhanced noise immunity

Tag-Too-Close alert

Virtual oscilloscope in configuration software

2 ATTRACTIVE APPEARANCE

Elegant design of frames and base covers

Frames made with high quality acrylic material

Plastic parts made with high precision molds

3 OPTIONAL FEATURES

Remote service

People counting

V-Line management platform

4 EASY CONFIGURATION

Built-in electronics

Air synchronization

Software configuration

Signal waveform displayed by virtual oscilloscope

Dimensions & Weights

Model	Dimension (H*W*T) (mm)	Weight (kg)
CA78LC/MD	1548*405*130	15.0
CA78LS/MD	1548*405*130	13.6
CA78XC/MD	1600*500*132	13.7
CA78XS/MD	1600*500*132	12.2

Detection Ranges

Model	Detection distance
Metal detection (in between) 78L	1.4~1.8m
Metal detection (in between) 78X	1.5-1.9m

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Specifications

| Technical specifications	
Central frequency	58KHz
TX frequency bandwidth	58KHz±500Hz
Power consumption	50W
Fuse of PSU	2A
Alarm audio level	110dB
Light color	Red
Light color for metal detection	Blue
Current (max)	38A
Voltage	110V/220V (AC)
Environmental requirements	
Temperature	0~55℃
Relative humidity	0-90%, non-condensing

Modes of Combinations
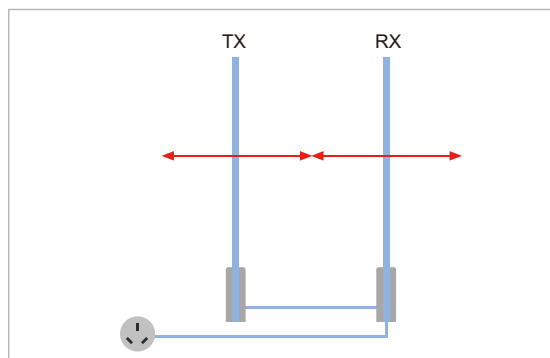
Single-Aisle
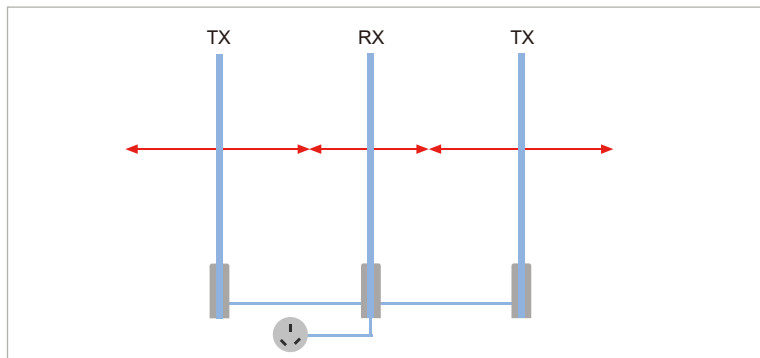
Dual-Aisle
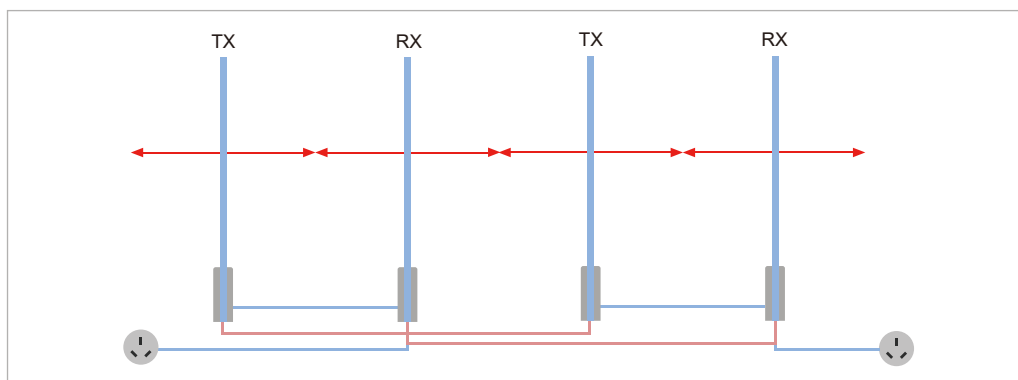
Note: For installation details, please refer to installation instructions.

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